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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Griffiths, et al.Application No./Patent No.: 10/521,103 Filed/Issue Date: February 14, 2005Entitled: HSP70 FROM ARTHROBACTERNovartis Animal Health US, Inc.a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

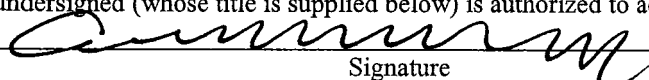
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The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.



Signature

Carl B. Massey, Jr. (Reg. No. 44,224)

Printed or Typed Name

Attorney of Record

Title

Nov. 1, 2007

Date

336.721.3681

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

I / We Steven Gareth GRIFFITHS, 239 Weldon Street, Moncton, New Brunswick, E1C 5W8,
Canada, citizen of Great Britain
Rachael Jane RITCHIE, 618 Aberdeen St., Fredericton, New Brunswick, E3B 1S5,
Canada, citizen of Canada
Nathalie C. SIMARD, 91 Piercy Crescent, Fredericton, New Brunswick, E3B 7G2,
Canada, citizen of Canada

for good and valuable consideration, the receipt and adequacy of which is hereby
acknowledged, do hereby sell and assign to **Novartis Animal Health US, Inc., a Delaware
corporation, of 3200 Northline Avenue, Greensboro, North Carolina 27408, U.S.A.**, its
successors, assigns and legal representatives all my/our right, title and interest, in and for
the United States of America, in and to the invention entitled:

Hsp70 from Arthrobacter

invented by me/us and described in the international application

No. PCT/EP03/07602 filed July 14, 2003

and all United States Letters Patent which may be granted therefor, and all divisions,
reissues, continuations and extensions thereof, the said interest being the entire ownership
of the said Letters Patent when granted, to be held and enjoyed by the said **Novartis
Animal Health US, Inc.** its successors, assigns or other legal representatives, to the full
end of the term for which said Letters Patent may be granted, as fully and entirely as the
same would have been held and enjoyed by me/us if this assignment and sale had not been
made;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to
issue said Letters Patent to the said **Novartis Animal Health US, Inc.**


Steven Gareth GRIFFITHS

Signed on

27/1/5

Rachael Jane RITCHIE

Nathalie C. SIMARD

US (PCT) Case VA/H -32534A

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And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said **Novartis Animal Health US, Inc.**

Signed on

Steven Gareth GRIFFITHS

Rachael Jane RITCHIE

Nathalie C. SIMARD

January 7, 2005

ASSIGNMENT

I / We **Steven Gareth GRIFFITHS**, 239 Weldon Street, Moncton, New Brunswick, E1C 5W8,
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Rachael Jane RITCHIE, 618 Aberdeen St., Fredericton, New Brunswick, E3B 1S5,
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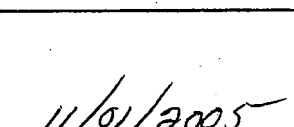
Signed on

Steven Gareth GRIFFITHS

Rachael Jane RITCHIE



Nathalie C. SIMARD



11/01/2005